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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/872,702

DATE: 10/10/2001

TIME: 10:13:59

Input Set : A:\11669-72SeqLst.txt

Output Set: N:\CRF3\10102001\I872702.raw

IN

3 <110> APPLICANT: Koren, Eugen
4 Lowe, John Hok Nin
6 <120> TITLE OF INVENTION: IDENTIFICATION AND MODIFICATION OF IMMUNODOMINANT EPITOPES

7 POLYPEPTIDES

9 <130> FILE REFERENCE: 11669.72US01
11 <140> CURRENT APPLICATION NUMBER: US 09/872,702

12 <141> CURRENT FILING DATE: 2001-06-01

14 <150> PRIOR APPLICATION NUMBER: US 60/243,913

15 <151> PRIOR FILING DATE: 2000-10-27

17 <160> NUMBER OF SEQ ID NOS: 13

19 <170> SOFTWARE: PatentIn version 3.1

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 15

23 <212> TYPE: PRT

24 <213> ORGANISM: Homo sapiens

26 <400> SEQUENCE: 1

28 Leu Asn Thr Ser Tyr Thr His Ser Gln Asn Leu Ser Gln Glu Gly

29 1 5 10 15

32 <210> SEQ ID NO: 2

33 <211> LENGTH: 20

34 <212> TYPE: PRT

35 <213> ORGANISM: Homo sapiens

37 <400> SEQUENCE: 2

39 Thr Pro Thr Ser Pro Leu Leu Asn Thr Ser Tyr Thr His Ser Gln Asn

40 1 5 10 15

43 Leu Ser Gln Glu

44 20

47 <210> SEQ ID NO: 3

48 <211> LENGTH: 17

49 <212> TYPE: PRT

50 <213> ORGANISM: Homo sapiens

52 <400> SEQUENCE: 3

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55 1 5 10 15

58 Thr

62 <210> SEQ ID NO: 4

63 <211> LENGTH: 16

64 <212> TYPE: PRT

65 <213> ORGANISM: Homo sapiens

67 <400> SEQUENCE: 4

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70 1 5 10 15

73 <210> SEQ ID NO: 5

74 <211> LENGTH: 17

75 <212> TYPE: PRT

76 <213> ORGANISM: Homo sapiens

78 <400> SEQUENCE: 5

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80 Ser Gly Leu Leu Lys Trp Gln Gln Gly Phe Arg Ala Lys Ile Pro Gly
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84 Leu
88 <210> SEQ ID NO: 6
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90 <212> TYPE: PRT
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96 1          5          10          15
99 Asn
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105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
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110 Ser Arg Arg Thr Leu Gly Ala Pro Asp Ile Ser Ser Gly Thr Ser Asp
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114 <210> SEQ ID NO: 8
115 <211> LENGTH: 11
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
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127 <212> TYPE: PRT
128 <213> ORGANISM: Homo sapiens
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138 <212> TYPE: PRT
139 <213> ORGANISM: Homo sapiens
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149 <212> TYPE: DNA
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 11
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157 <211> LENGTH: 33
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING

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 162 agtcgacgtc gacgtcggca gtgtctgaga acc 33
 165 <210> SEQ ID NO: 13
 166 <211> LENGTH: 353
 167 <212> TYPE: PRT
 168 <213> ORGANISM: Homo sapiens
 170 <220> FEATURE:
 171 <221> NAME/KEY: SIGNAL
 172 <222> LOCATION: (1)..(21)
 173 <223> OTHER INFORMATION:
 176 <400> SEQUENCE: 13
 178 Met Glu Leu Thr Glu Leu Leu Leu Val Val Met Leu Leu Leu Thr Ala
 179 1 5 10 15
 182 Arg Leu Thr Leu Ser Ser Pro Ala Pro Pro Ala Cys Asp Leu Arg Val
 183 20 25 30
 186 Leu Ser Lys Leu Leu Arg Asp Ser His Val Leu His Ser Arg Leu Ser
 187 35 40 45
 190 Gln Cys Pro Glu Val His Pro Leu Pro Thr Pro Val Leu Leu Pro Ala
 191 50 55 60
 194 Val Asp Phe Ser Leu Gly Glu Trp Lys Thr Gln Met Glu Glu Thr Lys
 195 65 70 75 80
 198 Ala Gln Asp Ile Leu Gly Ala Val Thr Leu Leu Leu Glu Gly Val Met
 199 85 90 95
 202 Ala Ala Arg Gly Gln Leu Gly Pro Thr Cys Leu Ser Ser Leu Leu Gly
 203 100 105 110
 206 Gln Leu Ser Gly Gln Val Arg Leu Leu Leu Gly Ala Leu Gln Ser Leu
 207 115 120 125
 210 Leu Gly Thr Gln Leu Pro Pro Gln Gly Arg Thr Thr Ala His Lys Asp
 211 130 135 140
 214 Pro Asn Ala Ile Phe Leu Ser Phe Gln His Leu Leu Arg Gly Lys Val
 215 145 150 155 160
 218 Arg Phe Leu Met Leu Val Gly Gly Ser Thr Leu Cys Val Arg Arg Ala
 219 165 170 175
 222 Pro Pro Thr Thr Ala Val Pro Ser Arg Thr Ser Leu Val Leu Thr Leu
 223 180 185 190
 226 Asn Glu Leu Pro Asn Arg Thr Ser Gly Leu Leu Glu Thr Asn Phe Thr
 227 195 200 205
 230 Ala Ser Ala Arg Thr Thr Gly Ser Gly Leu Leu Lys Trp Gln Gln Gly
 231 210 215 220
 234 Phe Arg Ala Lys Ile Pro Gly Leu Leu Asn Gln Thr Ser Arg Ser Leu
 235 225 230 235 240
 238 Asp Gln Ile Pro Gly Tyr Leu Asn Arg Ile His Glu Leu Leu Asn Gly
 239 245 250 255
 242 Thr Arg Gly Leu Phe Pro Gly Pro Ser Arg Arg Thr Leu Gly Ala Pro
 243 260 265 270
 246 Asp Ile Ser Ser Gly Thr Ser Asp Thr Gly Ser Leu Pro Pro Asn Leu
 247 275 280 285
 250 Gln Pro Gly Tyr Ser Pro Ser Pro Thr His Pro Pro Thr Gly Gln Tyr
 251 290 295 300

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254 Thr Leu Phe Pro Leu Pro Pro Thr Leu Pro Thr Pro Val Val Gln Leu
255 305          310          315          320
258 His Pro Leu Leu Pro Asp Pro Ser Ala Pro Thr Pro Thr Pro Thr Ser
259          325          330          335
262 Pro Leu Leu Asn Thr Ser Tyr Thr His Ser Gln Asn Leu Ser Gln Glu
263          340          345          350
266 Gly
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/872,702

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